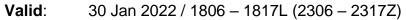


## **Launch Mission Execution Forecast**

Mission: Falcon 9 COSMO-SkyMed Issued: 29 Jan 2022 / 1230L (1730Z)





**Forecast Discussion**: Continental surface high pressure builds south across the state tonight into tomorrow, yielding dry weather. Windy conditions today will rapidly diminish this evening, then remain light tomorrow into Monday. With atmospheric moisture unseasonably scarce, few clouds are expected.

	Probability of Violating Weather Constraints								
Day	<10% Primary Concerns: Cumulus Cloud Rule								
ch Ch	Weather Conditions							Additional Risk Criteria	
aunch	Weather/Visi	bility:	None /7 mi.	Туре	Cloud: Coverage	Base (ft)	Tops (ft)	Upper-Level Wind Shear:	Low
Ľ	Temp/Humid	ity:	50°F / 48%	Cumulus	Few	3,000	5,000	Booster Recovery Weather:	Low
	Liftoff Winds	(200'):	320° 7 - 12 mph					Solar Activity:	Low
,	Probability of Violating Weather Constraints								
a	<10% Primary Concerns: Cumulus Cloud Rule								
Sel	<10%	Prima	ary Concerns: Cum	ulus Cloud R	Rule				
ur Delay	<10%	Prima	-	ulus Cloud R				Additional Risk Cri	teria
	<10% Weather/Visi		-			Base (ft)	Tops (ft)	Additional Risk Cri	t <b>eria</b>
24-Hour Del		bility:	Weather	Condition	<b>1S</b> Cloud:	-	Tops (ft) 5,500		
	Weather/Visi Temp/Humid	bility: ity:	Weather None / 7 mi.	Condition	Clouds Coverage	Base (ft)		Upper-Level Wind Shear:	Low
Note:	Weather/Visi Temp/Humid Liftoff Winds	bility: ity: (200'):	Weather  None / 7 mi.  56°F / 59%  040° 7 - 12 mph  on (POV) is the chance that	Type Cumulus  t a Lightning Lau	Clouds Coverage Few	Base (ft) 3,000	5,500	Upper-Level Wind Shear: Booster Recovery Weather:	Low Low Low bitation, and